

ABSTRACT

5 A resin roll (1) comprises a lower winding layer (3) comprising a
fiber-reinforced resin formed on an outer periphery of a roll core (2), and an
outer sleeve (5) comprising a synthetic resin formed on the outside through
an adhesive layer (4). A non-woven fiber aggregate layer (8) which
10 constitutes an outer periphery of the lower winding layer (3) is formed such
that a tape-shaped non-woven fiber aggregate in which a fiber material
mainly comprising inorganic fibers is coupled with a binder is sequentially
transferred and the non-woven fiber aggregate is impregnated with a liquid
thermosetting resin and wound around the outer periphery of the roll core
(2).